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FIRST ANGLE DO NOT PROJECTION SCALE

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YEAR 1987

DATE & ALTERATIONS

NOTE

VALUE

ISSUE NO.	DATE	ALTERATIONS	CHK'D
1	06/21/79	FIRST ISSUE	
2	11/02/98	BORE SIZES WERE B2294 1.571.625	
3	11/02/98	CP2340 PAD DETAILS CDA B2294 WERE ADDED.	

GENERAL DESCRIPTION

THIS IS A 4 PISTON EQUAL BORE CALIPER DESIGNED TO OPERATE ON A VENTILATED DISC OF UP TO Ø270.0 (11.0") x 22.0 (0.86") THICK. MOUNTING HOLES ARE FITTED AS STANDARD. CONVENTIONAL TYPE PISTON SEALS ARE FITTED IN THE BORES.

GENERAL DESCRIPTION
 4 PISTON LUG MOUNT RALLY / RACE CALIPER
 TECHNICAL & INSTALLATION INFORMATION
 PISTON DIAMETER - 38.1 (1.5") TRAILING
 TOTAL PISTON AREA 45.50 SQ.CM
 BODY MATERIAL ALUMINIUM ALLOY
 PISTON MATERIAL ALUMINIUM ALLOY (STANDARD)
 STAINLESS STEEL
 TITANIUM ALLOY FOR HIGH TEMPERATURE APPLICATIONS.

KEY TO DIMENSIONS -
 DIMENSION 'PL' TOP OF PAD MATERIAL TO MOUNTING HOLE CENTER WITH PAD SITTING DOWN ON LEDGE.
 DIMENSION 'C' MOUNTING DISC CENTER LINE TO MOUNTING HOLES CENTRES.
 DIMENSION 'D' MOUNTING HOLE DIAMETER.
 DIMENSION 'H' WHEEL CENTRE TO CALIPER WHEEL CENTRE TO CALIPER (DISC DIAMETER/2) - 'PL' DIMENSION ADVISING ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION.

AP RACING TECHNICAL SECTION WILL BE PLEASED TO ADVISE ON THE MOST SUITABLE EQUIPMENT FOR ANY PARTICULAR APPLICATION.

- SELECT ASSEMBLY FROM TABLE
- SELECT SUFFIX CHARACTERS AS FOLLOWS -
 1st CHARACTER - 'S' DENOTES POSITION OF INLET ADAPTOR ('S' FOR SIDEFEED), 'L' FOR LOAD OF ANTI LOCK / BACK SPRINGS FITTED.
 2nd CHARACTER -
 '0' NO SPRINGS.
 '4' 4lb (1.8kg) SPRINGS.
 '7' 7lb (3.1kg) SPRINGS FITTED LOAD.
 'L' FLOATED SPRINGS FITTED LOAD.

SHOULD PISTONS BE INADVERTENTLY REMOVED THEY SHOULD BE WIPED CLEAN AND SWEARED WITH AP RACING BRAKE FLUID BEFORE REPLACEMENT.

3. THE CORRECT PAD FAMILY NUMBER FOR THIS CALIPER IS CP3345. PADS SHOULD BE ORDERED SEPARATELY. A WIDE VARIETY OF MATERIALS ARE AVAILABLE - PLEASE CONTACT AP RACING FOR ADVICE.

EXAMPLE PART NUMBER - CP5106-250

CALIPER IDENTIFICATION CHART			
RHT	RIGHT HAND TRAILING	BEHIND AXLE	
LHT	LEFT HAND TRAILING	BEHIND AXLE	
RHL	RIGHT HAND LEADING	IN FRONT OF AXLE	
LHL	LEFT HAND LEADING	IN FRONT OF AXLE	

CALIPER FAMILY No	DISC DIA Ø	DISC DIM 'C'	DISC DIM 'D'	DISC DIM 'H'	DISC DIM 'PL'	REMARKS & APPLICATIONS
CP5106-	2 3 4 5	270.0	28.95	12.15	81.95	70.66
						12.25

UNLESS OTHERWISE STATED: DIMENSIONAL TOLERANCES ±0.25

MAX SURFACE FINISH, BY ANY METHOD: μm (RMS) / μm (RMS)

ON MACHINED SURFACES: μm (RMS) / μm (RMS)

WITHOUT MATERIAL REMOVAL: μm (RMS) / μm (RMS)

DIMENSIONS IN MILLIMETERS: SHEET 27"

DRAWING TO B.S. 308. SIZE X 40"

THREADS TO B.S. 3643 PT2 (MEL110). SCALE 1:1

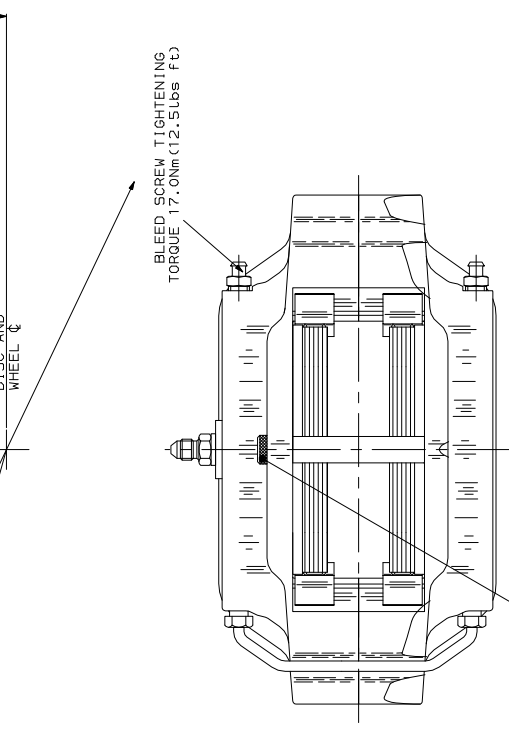
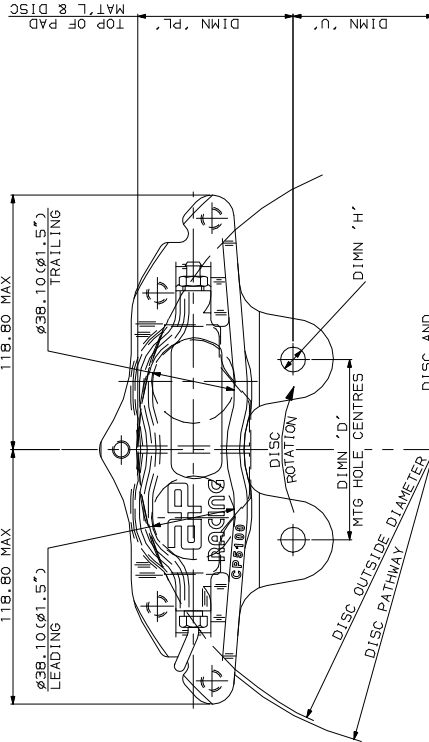
TITLES TRANSLATION SHEET NO(S)

PART NO. CP5106-1

GROUP PART NO.

SHEET NO. TOTAL 1 OF 1

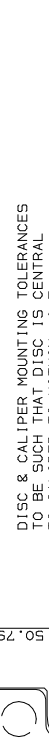
cp5106-1-cd



BLEED SCREW TIGHTENING TORQUE 17.0Nm (12.5 lbf ft)

PAD RETAINING BOLTS SHOULD BE TIGHTENED TO A TORQUE OF 20Nm (15 lbf ft).

DISC & CALIPER MOUNTING TOLERANCES TO BE SUCH THAT DISC IS CENTRAL TO CALIPER TO WITHIN ±0.5



CP3345D44 PAD FAMILY
 PAD AREA - 43.39 SQ. CM
 PAD VOLUME - 49.49 CU. CM

CP2340D51 PAD FAMILY
 PAD AREA - 42.34 SQ. CM
 PAD VOLUME - 48.82 CU. CM

CP5106-1